

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/000170

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B41F21/00 B65H29/62

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B65H B41F B41J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 421 463 A (OKAZAKI ET AL) 6 June 1995 (1995-06-06) column 2, line 48 - column 4, line 34; figure 1	1-11
X	US 4 285 508 A (KANEKO ET AL) 25 August 1981 (1981-08-25) column 2, line 57 - column 4, line 30; figure 4	1-4, 6-11
X	US 4 344 614 A (KANEKO ET AL) 17 August 1982 (1982-08-17) column 2, lines 23-65; figure 1	1, 2, 4, 6-11
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

4 March 2005

Date of mailing of the international search report

17/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Dewaele, K

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/000170

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 007, no. 215 (M-244), 22 September 1983 (1983-09-22) & JP 58 109338 A (FUJI SHASHIN FILM KK; others: 01), 29 June 1983 (1983-06-29) abstract	1, 2, 4, 6-11
A	----- US 2002/011161 A1 (JADER LENNARDT ET AL) 31 January 2002 (2002-01-31) the whole document -----	1, 9

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/000170

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5421463	A	06-06-1995	JP 2584407 Y2 JP 6075052 U	05-11-1998 21-10-1994
US 4285508	A	25-08-1981	JP 55093764 A JP 61044788 B DE 2952757 A1	16-07-1980 04-10-1986 17-07-1980
US 4344614	A	17-08-1982	JP 55128040 U JP 59034908 Y2 DE 3008897 A1	10-09-1980 27-09-1984 18-09-1980
JP 58109338	A	29-06-1983	NONE	
US 2002011161	A1	31-01-2002	DE 10059888 A1 EP 1156378 A2	29-11-2001 21-11-2001